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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,867	03/10/2004	Po-Cheng Chen	250122-1350	2229
24504 7	590 12/19/2005	EXAMINER		INER
	AYDEN, HORSTEM	LEWIS, MONICA		
100 GALLERI	A PARKWAY, NW			
STE 1750	•		ART UNIT	PAPER NUMBER
ATLANTA, GA 30339-5948			2822	

DATE MAILED: 12/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
0.55	10/797,867	CHEN ET AL.				
Office Action Summary	Examiner	Art Unit				
	Monica Lewis	2822				
The MAILING DATE of this communication app Period for Reply	lears on the cover sheet with the c	correspondence ac	iaress			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING D/ Extensions of time may be available under the provisions of 37 CFR 1.1: after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period v Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be timused and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this o D (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 10 M	<u>arch 2004</u> .					
·/-	·					
,	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 4:	53 O.G. 213.				
Disposition of Claims						
4) Claim(s) 1-22 is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.	,					
6) Claim(s) is/are rejected.						
7) Claim(s) is/are objected to. 8) Claim(s) 1-22 are subject to restriction and/or of	election requirement					
o) Claim(s) 1-22 are subject to restriction and/or	election requirement.					
Application Papers						
9) The specification is objected to by the Examine						
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:						
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.						
Attachment(s)	_					
<ol> <li>Notice of References Cited (PTO-892)</li> <li>Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> </ol>	4) Interview Summary Paper No(s)/Mail D					
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)						
Paper No(s)/Mail Date 6)						

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## **DETAILED ACTION**

1. This restriction is in response to the application filed March 10, 2004.

## Election/Restrictions

2. This application contains claims directed to the following patentably distinct species of the claimed invention:

Embodiment I (Claims 1, 2 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a plurality of parallel line segments, installed on a front substrate and a second pattern installed on the position corresponding to the first pattern of a rear substrate;

Embodiment II (Claims 1, 3 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a V-shaped line segment and a second pattern installed on the position corresponding to the first pattern of a rear substrate;

Embodiment III (Claims 1, 4 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a hexagonal star-column pattern and a second pattern installed on the position corresponding to the first pattern of a rear substrate;

Embodiment IV (Claims 1, 5 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a T-shaped line segment comprising a first and second horn column, a second pattern installed on the position corresponding to the first pattern of a rear substrate and these two patterns are parallel to each other;

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Embodiment V (Claims 1, 6 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a first and second T-shaped line segment comprising a first and second horn column and a first and second rectangle, a second pattern installed on the position corresponding to the first pattern of a rear substrate and these two patterns are parallel to each other with a predetermined distance therebetween;

Embodiment VI (Claims 1, 7 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a T-shaped line segment comprising a first and second horn column, a second pattern installed on the position corresponding to the first pattern of a rear substrate and these two patterns are parallel overlap each other;

Embodiment VII (Claims 1, 8 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a first and second T-shaped line segment comprising a first and second horn column and a first and second rectangle, a second pattern installed on the position corresponding to the first pattern of a rear substrate and these two patterns overlap;

Embodiment VIII (Claims 1, 9 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a pentagon comprising two right angles and three non-right angles, a second pattern installed on the position corresponding to the first pattern of a rear substrate and these two patterns overlap;

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Embodiment IX (Claims 1, 10 and 11), directed to an alignment mark comprising a first pattern wherein the first pattern comprises a first and second pentagon comprising two right angles and three non-right angles, a second pattern installed on the position corresponding to the first pattern of a rear substrate and these two patterns overlap;

Embodiment X (Claims 12, 13 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a plurality of parallel line segments; Embodiment XI (Claims 12, 14 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a V-shaped line segment; Embodiment XII (Claims 12, 15 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a hexagonal star-column pattern; Embodiment XIII (Claims 12, 16 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a T-shaped pattern comprising a horn column and a rectangle and these two patterns are parallel to each other;

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Embodiment XIV (Claims 12, 17 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a first and second T-shaped pattern comprising a first and second horn column and a first and second rectangle and these two patterns are parallel to each other with a predetermined distance therebetween; Embodiment XV (Claims 12, 18 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a T-shaped pattern comprising a horn column and a rectangle and these two patterns overlap;

Embodiment XVI (Claims 12, 19 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a first and second T-shaped pattern comprising a first and second horn column and a first and second rectangle and these two patterns overlap;

Embodiment XVII (Claims 12, 20 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a pentagon comprising two right angles and three non-right angles and these two patterns are parallel; and

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Embodiment XVIII (Claims 12, 21 and 22), directed to a front substrate, a rear substrate wherein at least one set of alignment marks is installed on the front and rear substrates, the set of alignment marks comprise a first and second pattern wherein the first pattern comprises a first and second pentagon comprising two right angles and three non-right angles and these two patterns are parallel.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, none are generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

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3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the

inventorship must be amended in compliance with 37 CFR 1.48(b) if one of the currently named

inventors is no longer an inventor of at least one claim remaining in the application. Any

amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the

fee under 37 CFR 1.17(i).

Conclusion

4. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Monica Lewis whose telephone number is 571-272-1838.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Zandra Smith can be reached on 571-272-2429. The fax phone number for the organization

where this application or proceeding is assigned is 571-273-8300 for regular and after final

communications. Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

ML

December 12, 2005

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